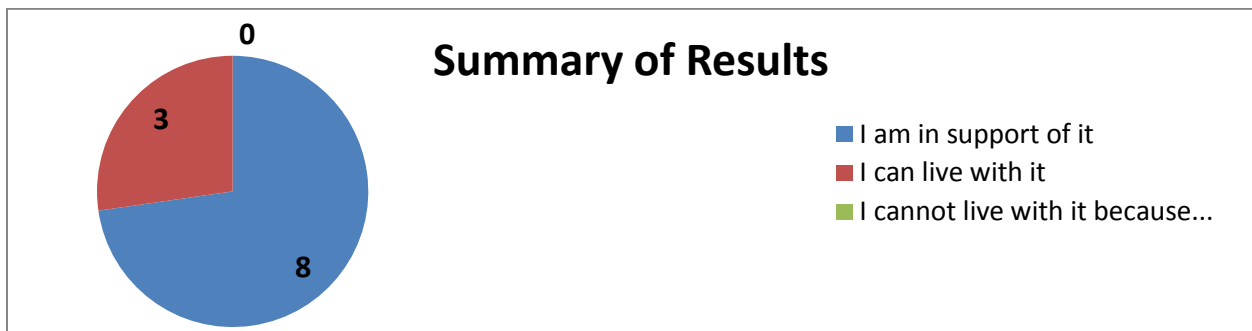


Summary of Survey on Goals, Objectives, and Participation Guidelines

1. Feedback on Goals

1.A. Question on Goal #1:

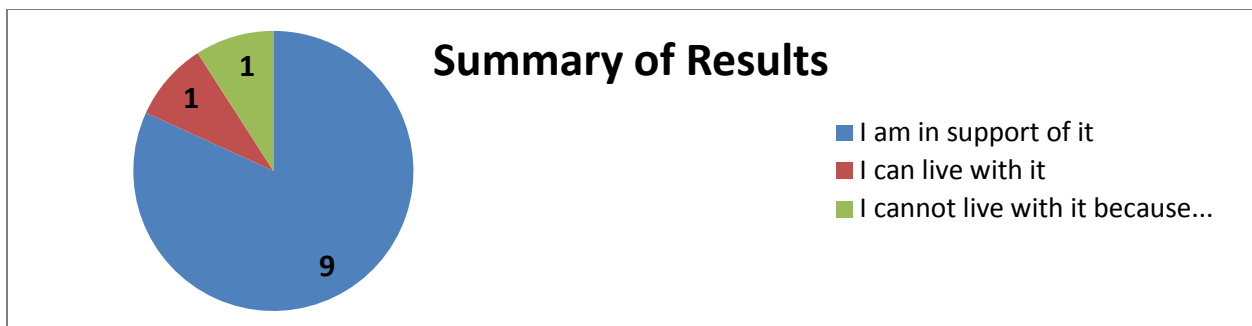
“Goal #1: The aim of this effort is to develop a salt management strategy for Northern Virginia, that 1) Uses a stakeholder-driven process to proactively address salt loads in the region and address the Accotink Creek chloride (salt) TMDLs.”



Free Responses: None

1.B. Question on Goal #2:

“Goal #2: The aim of this effort is to develop a salt management strategy for Northern Virginia, that 2) Generates increased public awareness, and long-term support for the continual improvement of deicing/anti-icing practices and actions.”

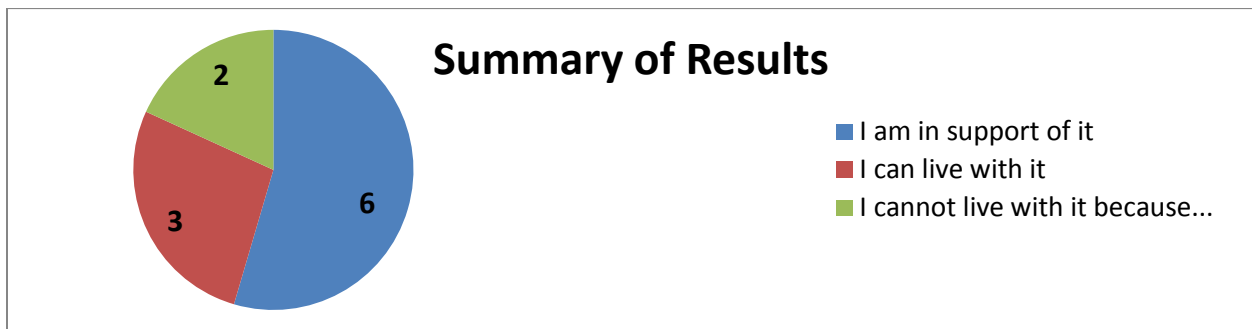


Free Response:

- **I cannot live with it because:** public awareness does not result in any direct outcome that would be a change in behavior. Awareness is needed but should be accompanied by more action-oriented (behavior change) that would have a positive effect on chlorides in waterways and groundwater
 - **Resolution:** Since Objective #3 includes “positive behavioral changes,” it was not out of the scope of the original language to add “...that leads to positive behavior changes”
 - **Revised Goal #2:** “The aim of this effort is to develop a salt management strategy for Northern Virginia, that 2) Generates increased public awareness **that leads to positive behavior changes**, and long-term support for the continual improvement of deicing/anti-icing practices and actions.”
[Note: these changes will be proposed for approval at the second SAC meeting]

1.C. Question on Goal #3:

“Goal #3: The aim of this effort is to develop a salt management strategy for Northern Virginia, that 3) Ensures continued protection of public safety, improves aquatic and terrestrial habitat, and lessens the effects of deicing/anti-icing salts on drinking water resources, property and road infrastructure through information sharing and implementation of best practices over time.”



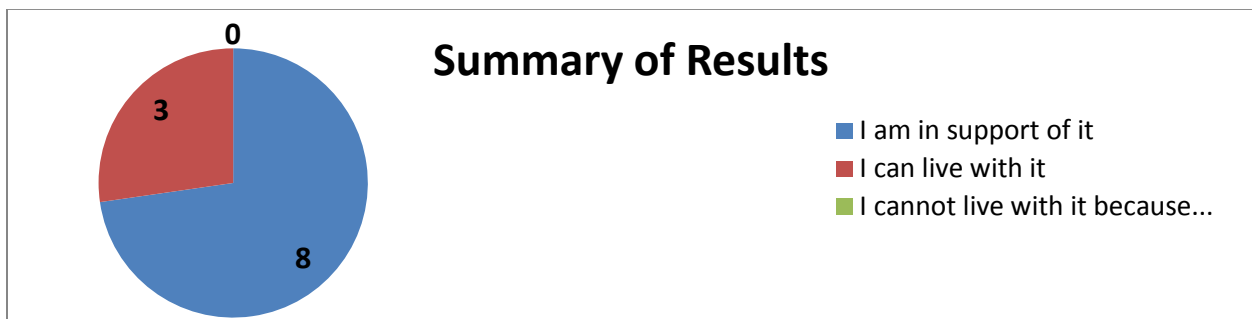
Free Response:

- **I cannot live with it because:** Water quality needs to be a part of one goal statement given non-attainment of water quality standards is the reason for being on the 303(d) list.
 - **Resolution:** It was noted that the changes made to Goal #3 after SAC feedback did lose a specific mention of “Water Quality.”
 - **Revised Goal #3:** “The aim of this effort is to develop a salt management strategy for Northern Virginia, that 3) Ensures continued protection of public safety, improves **water quality** and terrestrial habitat, and lessens the effects of deicing/anti-icing salts on drinking water resources, property and road infrastructure through information sharing and implementation of best practices over time.” *[Note: these changes will be proposed for approval at the second SAC meeting]*
- **I cannot live with it because:** The TMDL was developed in response to water quality impairments (aquatic life and wildlife) and the goal of the strategy should be related to mitigating these impairments. While associated benefits related to drinking water and property and road infrastructure may be realized, I don’t support including these references in the strategy goals.
 - **Resolution:** After discussing this comment with the SAC member, ultimately the change made to Goal #3 to include “Water Quality” allowed the SAC member to be able to “live with it.”

2. Feedback on Objectives

2.A. Question on Objective #1:

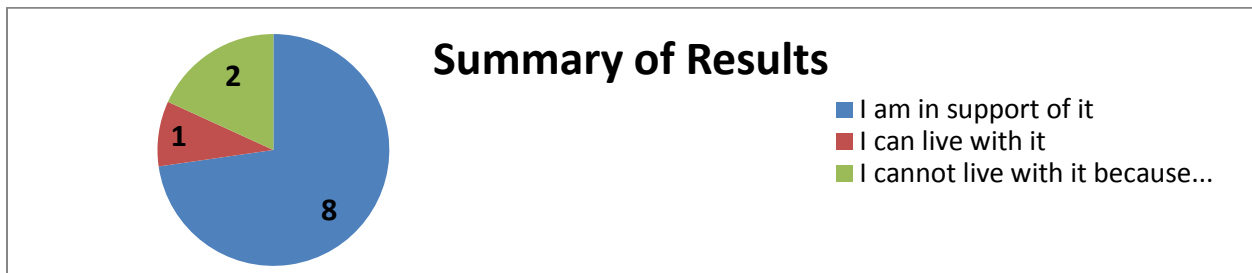
“Objective #1: Comprehensively describe the effects of deicing/anti-icing salt use and identify and summarize the costs and benefits of winter storm operations.”



Free Response: None

2.B. Question on Objective #2:

“Objective #2: Collaboratively develop a suite of best practices to minimize the negative effects of deicing/anti-icing salts.”

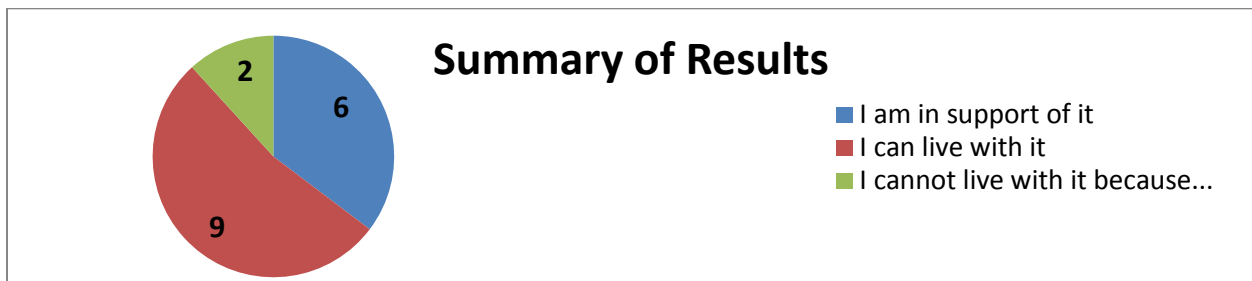


Free Response:

- **I cannot live with it because:** The negative effects should be related to water quality since the main driver behind the strategy is the Accotink Creek Chloride TMDL.
 - **Resolution:** After discussing this comment with the SAC member, ultimately the change made to Goal #3 to include “Water Quality” allowed the SAC member to be able to “live with it.”
- **I cannot live with it because:** Minor edit to state for whom the suite of best practices would be developed (assume broad suite of stakeholders) to add additional specificity
 - **Resolution:** In response to this comment, it was recommended that this level of detail be contributed when defining the scope of the workgroups. The SAC member agreed.

2.C. Question on Objective #3:

“Objective #3: Develop a comprehensive education and outreach plan to increase awareness of the benefits and impacts of winter salt use for both the public and political leaders to promote positive behavioral changes.”

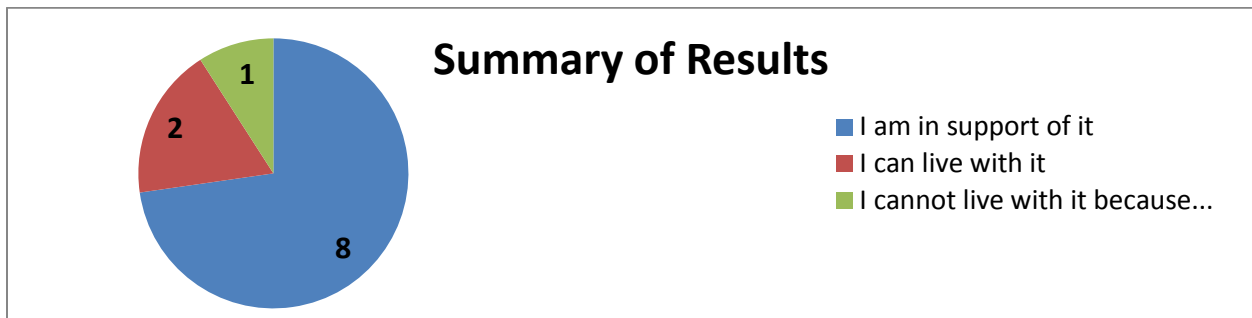


Free Response:

- **I cannot live with it because:** The words "water quality" should be added before "impacts" since the strategy is related to water quality improvements.
 - **Resolution:** After discussing this comment with the SAC member, ultimately the change made to Goal #3 to include “Water Quality” allowed the SAC member to be able to “live with it.”
- **I cannot live with it because:** The objectives should be reordered to reflect priorities and sequencing. This one should be last, because we first need 1) a better sense of the major sources of salts and any viable alternatives to current products and practices, and 2) We need to know who is our major source/audience and determine the BMPs and behaviors that we want to encourage, before we can develop an effective education program.
 - **Resolution:** The SAC member noted that they actually could “live with this” but wanted to provide additional feedback. It was also noted that this was good feedback for workgroup deliberations. Also, it was noted that the numbers of objectives does not reflect order of sequence or priority; rather all are viewed as equal.

2.D. Question on Objective #4:

“Objective #4: Explore funding opportunities, operational cost savings, and broader incentives, such as certification requirements/tort reform, to support implementation.”

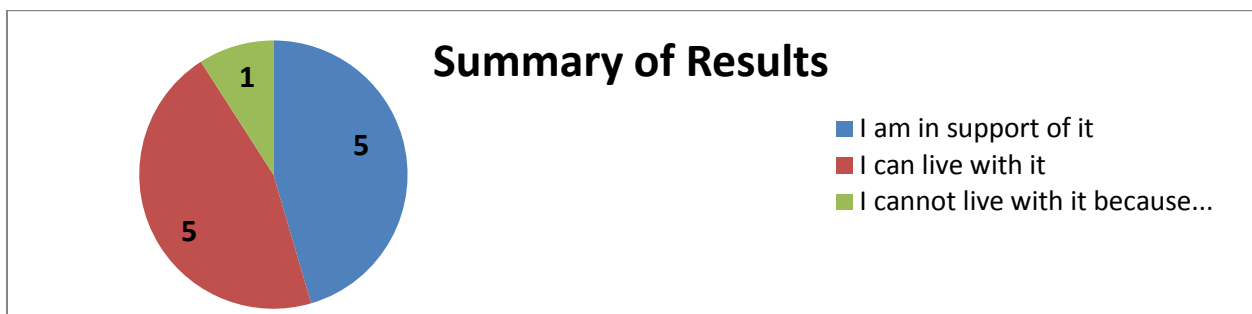


Free Response:

- **I cannot live with it because:** It would be helpful to state who would explore this information. Suggest that it be a continued collaboration of DEQ and local jurisdictions, DOT and others, for example. Also add "support implementation of best practices"
 - **Resolution:** DEQ contacted this SAC member and shared that Objective #4 will be implemented through each of the workgroups. The SAC member found this satisfactory.

2.E. Question on Objective #5:

“Objective #5: Develop recommendations for a monitoring and research program to better understand water quality patterns related to salt application throughout Northern Virginia.”

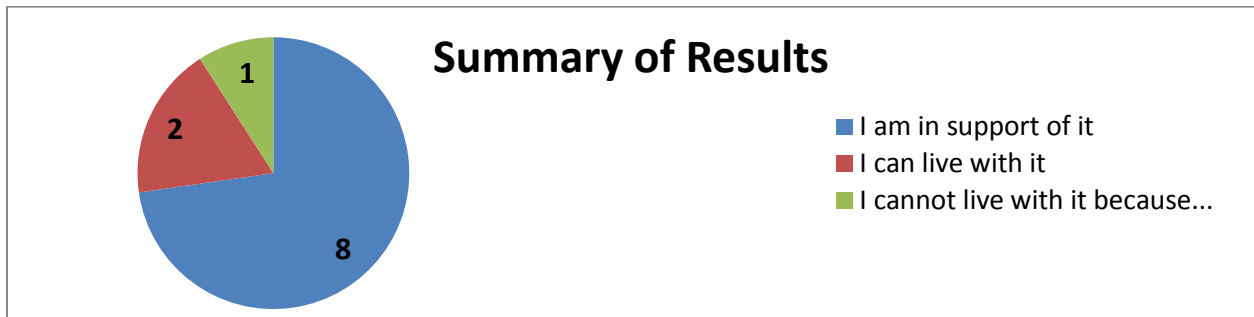


Free Response:

- **I cannot live with it because:** Suggested edit "...patterns and impacts". I do not think we have a complete enough understanding of the impacts long term and pathways/fate in the environment.
 - **Resolution:** Since the objective is stated broadly enough to “develop recommendations,” DEQ agreed that adding recommendations for developing a monitoring and research program to better understand water quality “impacts” could keep options open for how workgroups would like to address this objective.
 - **Revised Objective #5:** “Develop recommendations for a monitoring and research program to better understand water quality patterns **and impacts** related to salt application throughout Northern Virginia.” [Note: these changes will be proposed for approval at the second SAC meeting]

2.F. Question on Objective #6:

“Objective #6: Develop options to assess effectiveness and methods to track and report salt usage.”



Free Response:

- **I cannot live with it because:** I am unclear what “options to assess effectiveness” would include. (I apologize if this was discussed during the first SAC meeting.) Would this include conducting studies? If so, I feel this objective is unrealistic due to the numerous variables of storm conditions (documented in Safe and Sustainable Snowfighting). Time would be better spent reviewing studies already conducted and incorporating programmatic recommendations.
 - **Resolution:** After reaching out to the SAC member and discussing the fact that this objective was stated broadly to allow for flexibility in workgroup deliberations. The SAC member was able to “live with it” noting that reasonable scopes should be developed and potential challenges discussed and documented.

3. Feedback on Participation Guidelines

"SaMS Participation Guidelines:

- Come Prepared to Contribute
- Listen and Learn
- Speak One at a Time. No Side Conversations
- Respect Everyone’s Perspectives, Assume All are Here with Good Intent
- Openly Share Your Perspectives, Assume Others Will Also
- Share Resources and Expertise
- Recognize Different Levels of Knowledge/Expertise among Participants (No Question is Dumb)
- Participate Without Reacting Emotionally (Thick Skin)
- Economize Words and Practice Good Time Management
- Facilitate Discussions to Stay on Topic and Efficiently Engage all Participants
- (Participants) Share Facilitation Responsibilities with DEQ
- Place Tangent Ideas/Questions in a “Parking Lot” to be Addressed Later
- Follow a Process to Resolve/Address Conflicting Opinions
- Have Realistic Expectations for Implementation”

